



2014 LG WASHING MACHINE

Upgrade Your Smart Life



2014 LG WASHING MACHINE

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• • • "Upgrade Your Smart Life "



FRONT LOADER WASHING MACHINE

"The Ultimate SmartWasher"

FRONT LOADER WASHING MACHINE



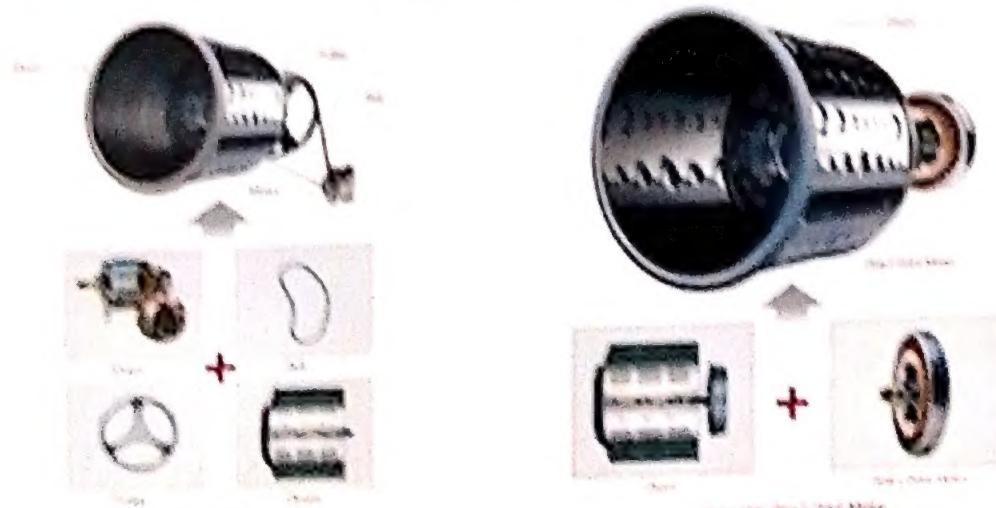
INVERTER DIRECT DRIVE MOTOR

By eliminating the belt and pulley system, LG Inverter Direct Drive technology reduces the motor's vibration and noise. Because there's little equipment necessary when it comes to Direct Drive technology, the motor is energy efficient and has no pulley belt to get off track.



LG
Direct Drive

Comparison between LG Inverter Direct Drive Motor and Conventional Motor



Conventional Motor
- Pulley and belt assembly
- Motor, belt and pulley system present

LG Inverter Direct Drive Motor
- Motor directly attached to the shaft of drum
- Eliminating, including pulley system
- Less noise in operation
- Increasing energy efficiency, which reduces water and
- space required in the area of storage

Less Noise

Conventional universal motor creates unpleasant noise and vibration due to the belt and pulley. By eliminating the belt and pulley, LG Inverter Direct Drive Motor allows your washing machine to operate in low decibel, giving you and your family a peaceful time at home.

Conventional Motor similar level to factory



Conventional Motor

LG Inverter Direct Drive Motor similar level to factory



LG Inverter Direct Drive Motor

Energy Saving

Sensor detects the loading capacity and calculates the exact RPM and braking time for each operation. The accuracy can ensure optimum washing performance. This saves water and energy as well as time.

Water



Conventional Motor

Water



LG Inverter Direct Drive Motor

can save 104kwh a year (104kwh x Electric Lamp 346.7hr)
can save 3120-4160L of water a year
can save 2600-5720 min of time a year

2 weak & non stable plastic dampers



Conventional Motor

3 durable STEEL dampers



LG Inverter Direct Drive Motor

Save your environment & money with energy savings.



Energy Saving



Water Saving

45%

• Conventional: 0.25 (kwh/kg)
Inverter Direct Drive: 0.19 (kwh/kg)

• Conventional: 30 (l/kg)
Inverter Direct Drive: 16 (l/kg)

[Tested by LG internal Lab]

Fabric Care

Optimized courses for every type of fabrics. Less wrinkle and less damage with 6 Motion

Less tangle

54%

• Conventional: 41%
Inverter Direct Drive: 19%

[Tested by LG internal Lab]

Enhanced Performance

Improve washing performance

Washing Performance

• Conventional: 65%
Inverter Direct Drive: 20%

20%

[Tested by LG internal Lab]

FRONT LOADER WASHING MACHINE



Optimal Washing Performance with 6 Different Motions

MORE MOTION, BETTER CARE



Stepping

Releasing clothes at the peak of the rotation cycle, this motion loosens laundry and helps reduces tangle.



Tumbling

Regular tumbling for your everyday washing needs.



Scrubbing

The drum quickly alternates to create a scrubbing motion. This helps to dissolve detergents and removes stubborn stains.



Filtration

Force from the fast rotation distributes the water evenly onto laundry for a full and even saturation.



Rolling

Clothes are rolled gently under water for a delicate wash.



Swing

The drum gently swings clothes from one direction to the other. Ideal for those delicate items.

6 MOTION



6 MOTION Wash Cycle

Washing laundry overnight has a purpose and to use the latest drum technology bubbles with round corner rotation through the fabric type is different. That's why the best washing machine has adopted different movement for different fabric types instead of one single motion for each fabric. This is how facilitation for laundry better serves a more easy laundry for clothes. Similar to hand wash, the Direct Drive Motor precisely controls the action of the drum allowing for up to 6 motions in which the washer combines different combinations of wash motions to wash laundry to practice perfect clean. It's suitable for all fabric types and care for your delicate clothes.

6 Motion suits on any fabric type

Baby Care

Removes solid and pastel stains and provide better stain performance



Sport & Wear

Available for sportswear such as jogging clothes and running wear (for clothes from low fibers and synthetic)



Cotton

Removes stains with effective detergent cleaning (Dowel, Table, Iron, T shirts)



FRONT LOADER WASHING MACHII



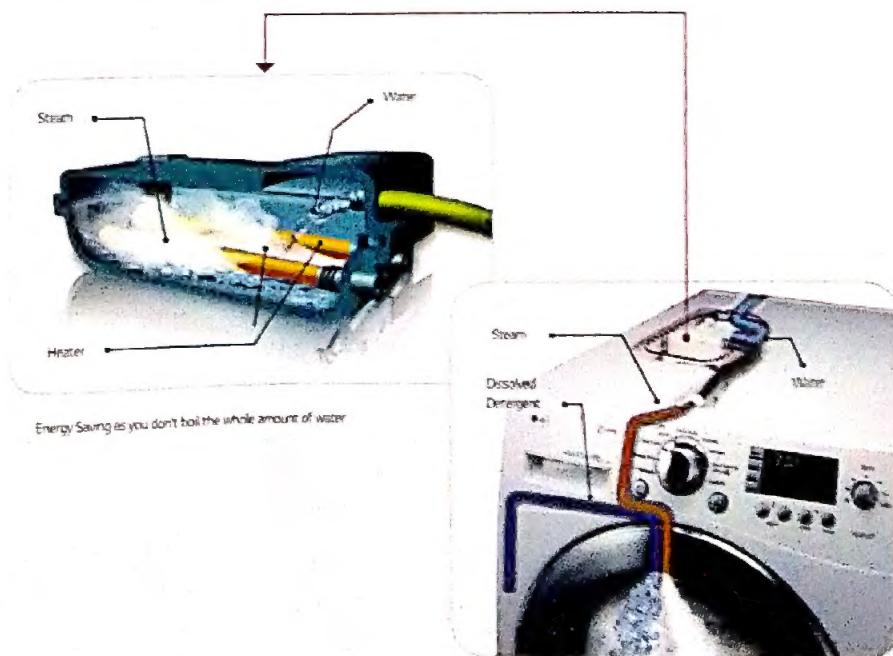
Help to Reduce Wrinkles Making Ironing Easier

BETTER WASHING PERFORMANCE WITH POWERFUL STEAM



• STEAM GENERATOR

LG Steam Generator, which converts normal water to steam, takes washing technology one step forward. You can now enjoy your time with the Steam Direct Drive without being concerned about the high-energy cost. The water is heated directly within the heater, which generates the steam. It uses less water and energy to create steam than it does to boil the whole water at the bottom of the drum.



TRUE STEAM™



True Steam™ is the most special technology which makes your life easier. Clothes can be refreshed in 20 minutes, wrinkles reduced without ironing, and odors reduced without chemical materials. You can spend more time with your family and less time with your laundry. Also, you get to save money while reducing your carbon footprint. Welcome to the new world of steam.

• STEAM REFRESH

No time to wash your shirt, but you have an important meeting? Simply pop it into the washing machine and activate the Steam Refresh Course, which reduce wrinkles and odours and makes your shirt fresh no fuss.

Evaluation by AATCC Standard
 - Clothes : Dress shirts 3-5ea
 - Fabric : Cotton 75% + Polyester 25%



Sterilization

The steam removes bacteria such as Staphylococcus and Coli Form, which can cause diarrhea or food poisoning.

AATCC Evaluation Table

Evaluation	
1	All the wrinkles remain
2	Most wrinkles remain
3	Some wrinkles remain
4	Few wrinkles remain
5	Only a few wrinkles remain
6	No wrinkles remain

Steam Sterilization %	
Staphylococcus	99.99
Coli Bacteria	99.99
Bacillus	99.97
Allergy	99.92

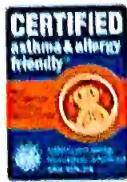
• ALLERGY CARE

With its unique optimum steam temperature and rinsing functions, the Steam Washer effectively removes allergens in clothes and beddings, such as house dust mites, animal hair, dandruffs, and pollens.



Certificate for Allergy Care

This Allergy Care system is approved by the Family Allergy Foundation (FAF). This means that the Steam Washer has been tested with 100 standard and 1000 different types of allergies to remove high levels of allergens.



FRONT LOADER WASHING MACHINE

Have more free time with advanced technologies

MORE CONVENIENCE TO YOUR LIFE



BIO CARE



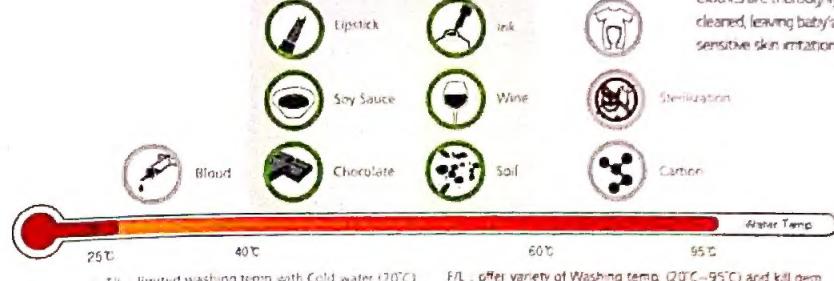
Is special program with water at 60°C. It allows to clean stains as milk, wine, etc.

Baby Care

Clothes are thoroughly cleaned, leaving baby's sensitive skin irritation free

Sterilization

Sanitization



WATER CIRCULATION SYSTEM

A pump under the drum pulls up the filtered water at the bottom of the drum. This water is repeatedly circulated and sprayed from the top of the drum during the washing and rinsing process. The Shower Spray improves washing performance by dissolving detergent evenly.

It reduces water and energy consumption to heat up the water, hence lowering water and electricity bills.

SMART DIAGNOSIS™

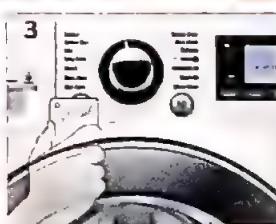
Smart Diagnosis™ helps to find exact problems, minimizing SVC costs and inconvenient SVC calls.



Download the LG App "LG Smart Diagnosis" from Android Play Store onto your smart phone



Turn on the washing machine and press 'Temp' button for 3 seconds.



Put the phone (microphone) close to the Smart Diagnosis icon and await instructions.

TUB CLEAN

Tub Clean function can be used to remove fungus and other toxic substances that may grow inside the tub. It uses hot steam with high spin speed to clean every corner of the tub and provides perfect sterilization.

IMPROVED DRUM SURFACE

All the drum surface of our washing machine contains little dents. It adds contact surface to the drum, improving the washing performance



Conventional



LG

STANDBY POWER ZERO

In off mode, the washing machine is completely disconnected from electricity and you can save energy.



-62%



WD-1755RDS

FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *


DIMENSIONS (W x D x H)
 586 x 757 x 862 mm

COLOR
 Stainless Steel

WD-1408RDS
FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *


DIMENSIONS (W x D x H)
 600 x 645 x 850 mm

COLOR
 Blue White

WD-1280QDP

FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *


DIMENSIONS (W x D x H)
 600 x 550 x 850 mm

COLOR
 Blue White

WD-1270QDP
FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *


DIMENSIONS (W x D x H)
 600 x 550 x 850 mm

COLOR
 Blue White

F10B5NDL2

FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *
- 12 Washing Programs


DIMENSIONS (W x D x H)
 600 x 440 x 850 mm

COLOR
 Blue White


WASHING COURSE GUIDE



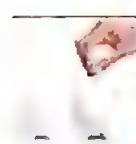
Refresh "TrueSteam™ Only
Cotton mixed, Polyester mixed Dress shirts, blouses



Allergy Care "TrueSteam™ Only
Cotton, underwear, pillow covers, bed sheets, baby wear



Cotton
Color fast garments (shirts, nightdresses, pajamas...) and
lightly soiled white cotton (underwear)



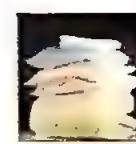
Cotton Eco
This course was designed to minimize the energy use
while using course applying 60 °C water temperature



Mix
Various drum motions are used to maximize the washing
performance even when different fabrics are mixed together
while minimizing any damage to the clothes



Easy Care
Laundry is washed below the water level preventing clothes
damage and wrinkles. In addition, after spinning laundry is
separated from the inner drum preventing wrinkles after spin drying



Duvet (Bulky)
For big size laundries that are hard to wash with small load washers.
Such as blankets and bed covers



Sports Wear
The delicate Swing motion with low temperature water provides
a better solution for sportswear with Gore-Tex or Coolmax



Dark Wash
The course is designed to minimize de-colorization by combining
the delicate swing motion with low temperature and short cycle time



Delicate
For clothes that need extra care.
This course is designed to minimize any damage that can happen
to your laundry



Hand Wash / Wool
Woolen clothes and those which are too delicate for machine wash



Intensive 60
At half load this course will Fresh a full wash cycle within 60 minutes
while achieving A class washing performance. This means that you
don't have to sacrifice washing performance to save time



Quick 30
For lightly soiled laundry under 2kg.



Silent Wash
Any uncomfortable noise is reduced while maintaining the washing
performance through the rubbing effect under the water



Baby Care
Water temperature is kept at 40 °C for 15minutes and then
increased to 60 °C for washing. And the medic rinse function is
added to the default rinse



Skin Care
The course applies various washing motions to better dissolve detergent
that can be left after washing



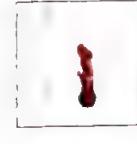
Cotton Quick
Mainly by limiting the maximum temperature 20 minutes is reduced
from the normal washing time. Total time will be about 100 minutes



Synthetic
Synthetic clothes do not wrinkle easily but once wrinkled it is
difficult to smooth out. And they are weak to heat. Considering such traits
maximum temperature and RPM is limited



Boiling Care
A bleach or boiling course. Wash temperature is fixed to 95°C by default.



Bio Care
Bio care is to eliminate protein stains (milk, blood, chocolates and etc.)



Spin
Right after turning on the washer choose the desired RPM
and push the Start/Pause button.
Only spinning the laundry.



Bed Cover (Blanket)
Heavy fabrics like bed covers and curtains



Rinse+Spin
Clothes that are washed outside which need only rinsing and spin

AWARDS

LG washing machines are widely acclaimed for its cutting edge technology & smart design, gaining world wide recognition in performance ratings among front loading category specially in Germany, UK, Italy & France. Front loading washing machines have been rated as No. 1 in USA for 5 consecutive years, which speaks highly of LG's commitment for creating world class consumer appliances.



World's best "Eco friendly machines"



VDE

VDE Verification - Excellency of Inverter
DD motor reliability (German)



BAF

Allergen foundation -Steam power
(UK)



CES Innovation
Innovation award
(USA)



Technical innovative
business award

Most innovative product (Korea)



iF Design

Global best design award
(German)



Reddot Design
Global best design award
(German)



Good Design

Best design award
(Korea)

World's best "Eco friendly machines"



Water wise

Award for winning water saver
(UK)



Energy Star

Low energy consumption certification
(USA)



Energy Saving Recommended

Low energy consumption certification
(UK)



Green technology certification

Eco friend technology certification for 6
Motion (Korea)



Low carbon print

Low carbon emission certification
(Korea)



TOP LOADER WASHING MACHINE

"The Ultimate SmartWasher"

TOP LOADER WASHING MACHINE



INVERTER DIRECT DRIVE MOTOR

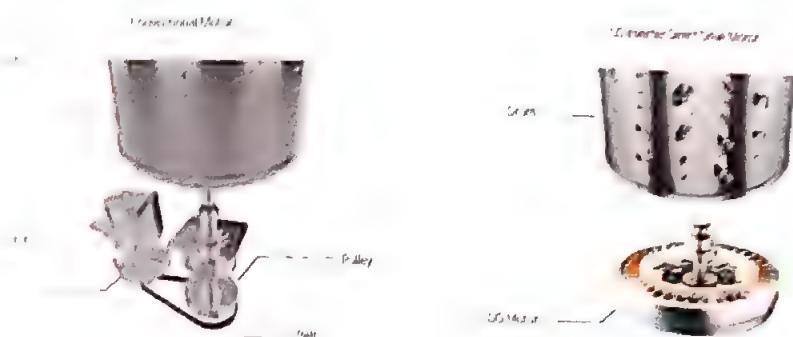


DD MOTOR

* Inverter
Inverter technology for more energy
efficiency and longer motor life.



● Comparison between LG Inverter Direct Drive Motor with Conventional Motor

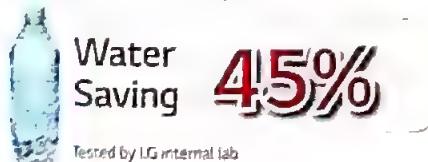


- Complex belt system
- Consistent low power, low spin speed
- Low durability with belt

- Direct Drive system without belt
- Variable high power, high spin speed
- High durability without belt

● Energy Saving

You can save water equivalent to 9 bottles of 1.5L each/cycle. (13.5L)

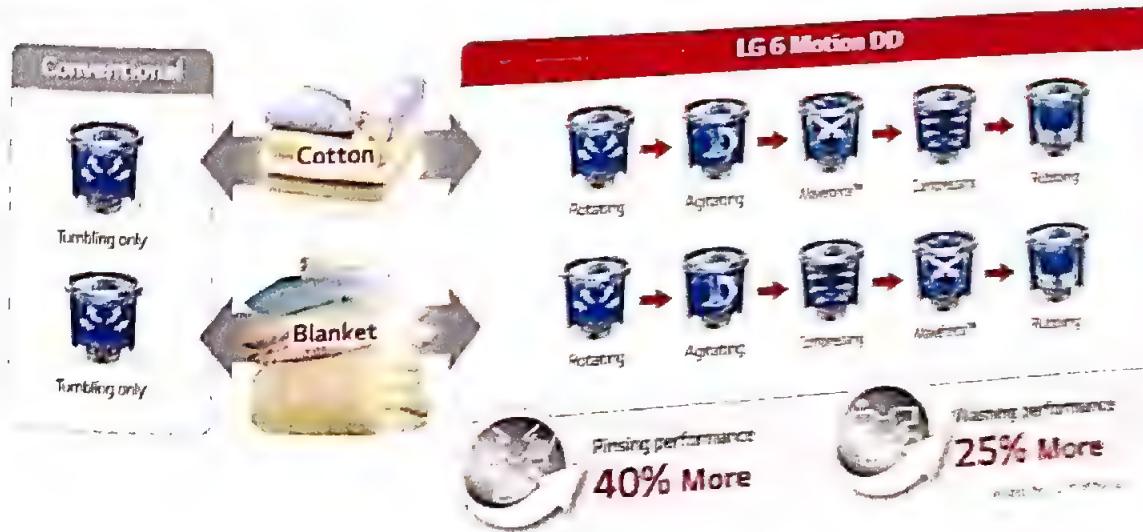


You can save 540W electricity per a cycle. It's the amount you can watch TV for 5 hours.



● Optimal Washing

LG Inverter Direct Drive can realize 6 different types of motion named 6 Motion DD. In conventional single-motion washing machine, it only tumbles whatever the fabrics. But in 6 Motion DD, you can make your own washing according to the type of fabric.





TOP LOADER WASHING MACHINE



Powerful Washing Performance with Gentle Fabric Care

MORE MOTION, BETTER CARE



Waveforce™

Gently removes dirt and stains from clothes using strong water currents



Compressing

Dissolve detergent with high-speed spinning & squeezing



Swing

Smooth wash for your delicate fabrics



Rotating

The pulsator rotates in alternate directions to help untangle clothes



Rubbing

Rubbing motion, efficiently scrubs off stains



Agitating

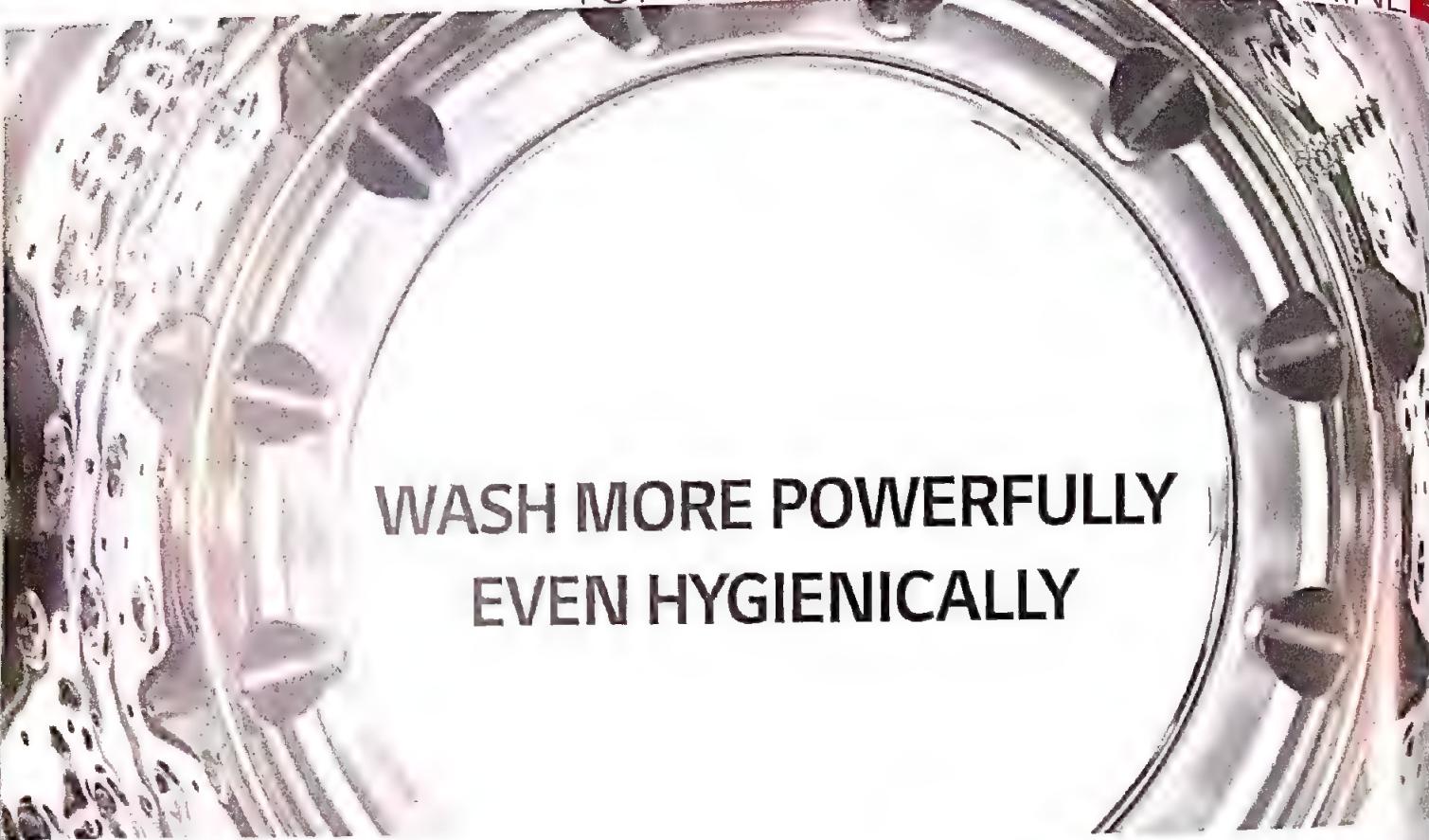
Powerful current created by the agitating motion removes stubborn stains

卷之三

— *With the First Name*



TOP LOADER WASHING MACHINE

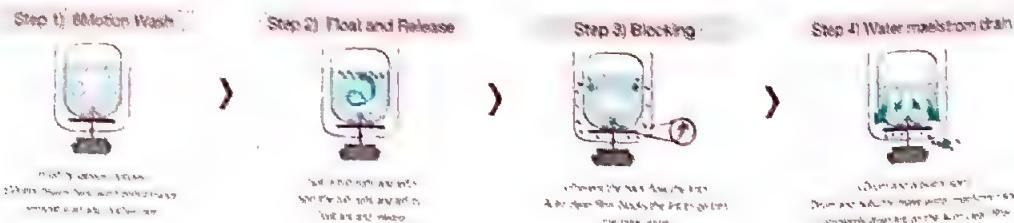
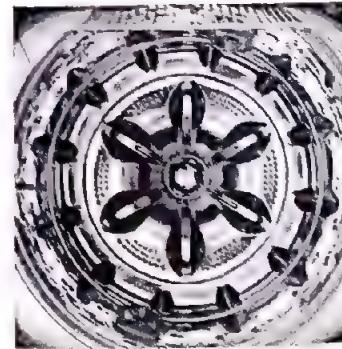


WASH MORE POWERFULLY EVEN HYGIENICALLY

MORE HYGINENIC TUB

For 'Stainless Steel' tub + 'Auto Lint Cleaner'
To remove the lint automatically without filter cleaning.

- **Full Stainless Steel Tub**
To remove the lint without inner filter. It is consist of Full STS & 1000 magic hole
- **Auto Lint Clean Filter**
To prevent the reflux of lint between 'inner tub' and 'out tub'



HEALTH + FILTER

LG's Lint filter is coated with anti-bacterial material for a more hygienic wash. Simple to clean and durable, it also has a better filtration rate than other brands.

JET SPRAY

A nozzle located above the inner tub sprays water evenly onto the laundry during the rinse cycle. By supplying water evenly, this helps to get optimal rinsing results.



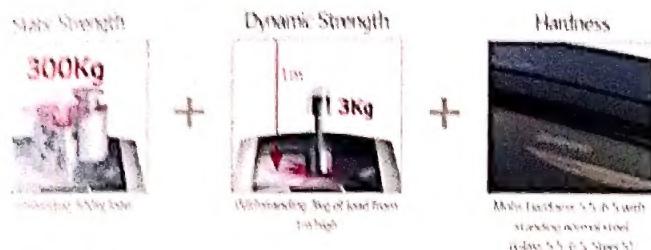
Learning objectives: Upgrade your Smart life

AUTO RESTART

It remembers washing stage in case of sudden stop such as supply problem of electricity. So, it can be start washing stage at moment of stop.



DIAMOND GLASS



SENSOR

Sensor works to remove any detergent residue. It automatically detect any detergent residue and changes the washing program to ensure the clothes are detergent free.



TURBO DRUM

Unlike other brands, where only the pulsator rotates, Turbo Drum features a rotating pulsator and a spinning drum, which offers superior cleaning performance.



PUNCH+3

These punches creates strong water stream which will help cleaning. And also it will prevent from clothes tangling.



LINE-UP

T1504DPE



- FEATURE**
- Inverter Direct Drive Motor
 - Inverter Technology
 - 15 Years Durability of Invert Drive Motor
 - Smart Cleaning™ by Sensor
 - Diamond Wash™ with Jet Spray System
 - Easy Care Control
 - Child Lock
 - Anti-Overflow System
 - Smart Rinse Zone
 - Smart Diagnosis™

DIMENSIONS (W x D x H)
630 x 590 x 910 mm

COLOR
Stainless Steel



T1304DPE



- FEATURE**
- Inverter Direct Drive Motor
 - Inverter Technology
 - 15 Years Durability of Invert Drive Motor
 - Smart Cleaning™ by Sensor
 - Diamond Wash™ with Jet Spray System
 - Easy Care Control
 - Child Lock
 - Anti-Overflow System
 - Smart Rinse Zone
 - Smart Diagnosis™

DIMENSIONS (W x D x H)
590 x 590 x 910 mm

COLOR
Stainless Steel



WF-T105ATP



- FEATURE**
- Inverter Drive
 - Smart Cleaning™ by Sensor
 - Smart Drive
 - Easy Care Control
 - Diamond Wash™
 - Rinse & Wash
 - Child Lock
 - Anti-Overflow
 - Smart Diagnosis™

DIMENSIONS (W x D x H)
590 x 590 x 910 mm

COLOR
Fine Silver



WF-T806A



- FEATURE**
- Inverter Drive
 - Smart Cleaning™ by Sensor
 - Smart Drive
 - Easy Care Control
 - 10.5kg
 - Diamond Wash™
 - Rinse & Wash
 - Child Lock
 - Anti-Overflow
 - Delay Start 3-48hr
 - Auto Restart
 - Smart Diagnosis™

DIMENSIONS (W x D x H)
590 x 590 x 910 mm

COLOR
Fine Silver



T70CSA13P

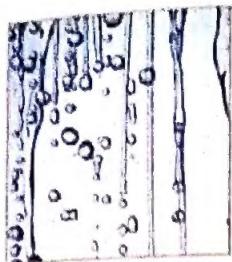


- FEATURE**
- Inverter Drive
 - Smart Drive
 - Easy Care Control
 - 13kg
 - Diamond Wash™
 - Child Lock
 - Anti-Overflow
 - Easy Diagnosis

DIMENSIONS (W x D x H)
630 x 590 x 910 mm

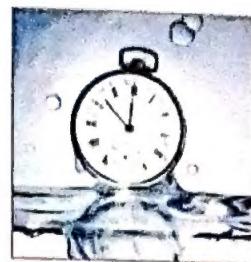
COLOR
Frontal Blue





Fuzzy

The course automatically selects the most appropriate condition by detecting wash load.



Quick wash

For lightly soiled clothes under 2kg.



Tub Clean

To sterilize the inner and outer tub for preventing unpleasant smell of tub.



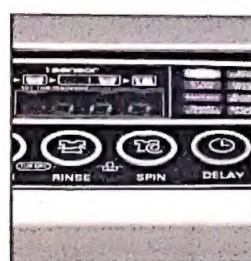
Jeans

Use when washing jeans of different sizes.



Wool

For washing delicate fabrics such as lingerie and woolens.



Favorite

Set your own program with additional options and save to favorites for use at a later time.



Silent

To wash quietly especially during night and dawn by reducing noise while maintaining washing performance.



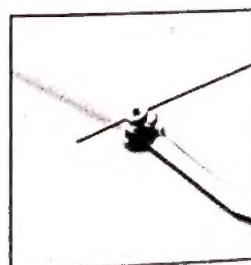
Air Dry

To keep inner tub from getting moldy and to reduce drying time by minimizing moisture of laundry.



Smart Cleaning™

If you want 99.9% detergent free washing even when you put more detergent.



Delay

DELAY START (RESERVATION)
Wash is used to delay the finishing time of the operation. The hours to be delayed can be set by the user accordingly.

The time on the display is the finishing time, not the start time.



Child lock

If you want to lock all the keys to prevent settings from being changed by a child, you can use the child lock option.

